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FEEDING STUFFS REPORT

For the Year 1954

GENERAL BULLETIN 662

Commonwealth of Pennsylvania

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Harrisburg

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Feeding Stuffs Report

1954

Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1954, 620 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 604 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1954 there were 203 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1954 was 807.

The 604 official samples analyzed were registered by 180 manufacturers and represented 21 classes and 531 brands as follows:

Classes	Samples
Alfalfa Products	5
Animal Products	7
Barley Products	1
Cottonseed Products	4
Marine Products	7
Soybean Products	4
Wheat Products	3
Calf Feeds	7
Chop Feeds	4
Dairy Concentrates	27
Dairy Feeds	111
Horse Feeds	8
Medicated Poultry Feeds	12
Poultry Concentrates	7
Poultry Feeds	288
Scratch Feeds	3
Small Animal Feeds	11
Steer Feeds	3
Swine Concentrates	8
Swine Feeds	66
Unclassified Feeds	18
Total	604

Brands Registered

Each brand of feeding stuffs is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each	\$ 5.00
Over 150 tons to 300 tons, each	10.00
Over 300 tons to 500 tons, each	15.00
Over 500 tons, each	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5.00 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1954 sales, 7,699 brands of feeding stuffs were registered and 1,415 licenses were issued to 1,076 manufacturers.

Conclusions

Of the 604 official samples analyzed, 46 or 7.61 per cent were deficient in protein or fat or contained fiber in excess of the tolerances provided; four samples or .66 per cent were found deficient in protein; 33 or 5.46 per cent deficient in fat; and nine or 1.49 per cent exceeded guarantees for fiber.

Consumers of feeding stuffs purchase the products under certain guarantees and labeling, and naturally expect that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS
AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Alfalfa Meal	5	5	5	21.36	3.02	23.32	63.00	---	---	---
Digester Tankage	1	1	1	59.69	8.52	2.78	108.50	---	---	---
Meat and Bone Scrap	6	6	6	50.48	9.76	1.78	94.25	---	---	---
Barley Feed	1	1	1	9.88	2.08	12.41	57.00	---	1	---
Cottonseed Meal	4	4	4	39.03	5.05	13.11	87.50	---	---	---
Crab Meal	1	1	1	32.38	1.52	12.54	85.00	---	1	1
Fish Meal	6	5	6	60.79	5.37	1.60	152.50	1	---	---
Soybean Oil Meal	4	4	4	44.55	1.15	6.32	94.00	---	---	---
Wheat Bran	2	2	2	14.15	3.25	7.50	84.50	---	1	---
Wheat Middlings	1	1	1	19.38	5.67	8.37	70.00	---	---	---
Calf Meal	7	7	7	18.63	3.65	6.80	113.57	---	---	---
Chop Feeds	4	4	4	11.63	3.68	6.25	75.00	---	---	---
Dairy Concentrates	27	22	27	34.14	2.86	7.56	93.23	1	5	2
Dairy Feeds	111	95	111	20.09	3.50	8.34	81.11	---	6	---
Horse Feeds	8	8	8	12.51	3.83	6.60	84.40	---	1	---
Medicated Poultry Feeds	12	12	12	23.43	4.11	4.31	108.63	---	---	---
Poultry Concentrates	7	5	7	34.04	2.92	6.22	114.82	---	1	---
Poultry Feeds	288	248	288	21.14	3.84	5.77	97.35	1	10	5
Scratch Feeds	3	3	3	11.29	2.77	2.88	83.67	---	---	---
Cat and Dog Foods	1	1	1	17.09	4.92	0.18	---	---	---	---
Dog Foods	4	2	4	21.88	5.95	2.00	---	---	---	---
Pigeon Feeds	5	5	5	15.50	2.77	3.67	114.00	---	---	---
Rabbit Feeds	1	1	1	20.50	4.01	7.51	97.00	---	---	---
Steer Feeds	3	3	3	29.05	3.08	7.67	93.50	---	1	---
Swine Concentrates	8	7	8	39.90	3.40	5.94	119.87	---	---	---
Swine Feeds	66	63	66	17.48	3.62	5.89	88.45	1	5	1
Unclassified Feeds	18	15	18	22.17	3.37	6.93	93.61	---	1	---
TOTAL	604	531	604	---	---	---	---	4	33	9

Key to Table II Showing Analyses of Official Samples

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

Feeding Stuffs Ingredients

ALFALFA PRODUCTS, including Alfalfa Meal

ANIMAL PRODUCTS, including Digester Tankage and Meat and Bone Scrap

BARLEY PRODUCTS, including Barley Feed

COTTONSEED PRODUCTS, including Cottonseed Meal

MARINE PRODUCT, including Crab Meal and Fish Meal

SOYBEAN PRODUCTS, including Soybean Oil Meal

WHEAT PRODUCTS, including Wheat Bran and Wheat Middlings

Manufactured Feeds

CALF FEEDS

CHOP FEEDS

DAIRY CONCENTRATES

DAIRY FEEDS

HORSE FEEDS

MEDICATED POULTRY FEEDS

POULTRY CONCENTRATES

POULTRY FEEDS

SCRATCH FEEDS

SMALL ANIMAL FEEDS, including Cat Foods, Dog Foods, Pigeon Feeds and Rabbit Feeds

STEER FEEDS

SWINE CONCENTRATES

SWINE FEEDS

UNCLASSIFIED FEEDS

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>FEEDING STUFFS INGREDIENTS</u>							
<u>ALFALFA PRODUCTS</u>							
<u>Alfalfa Meal</u>							
GREEN ACRE FARMS Nazarath, Pa.							
Green Acre's Dehydratad Alfalfa Meal 1% (487)	23.38	17.00	2.70	2.00	26.98	27.00	----
KEYSTONE DEHYDRATORS Nazerath, Pa.							
Keystone Super-Graan Dehydratad Alfalfa Meal (496)	21.94	17.00	2.99	2.00	19.56	27.00	----
MEADOW BROOK FARMS Nazarath, Pa.							
Meadow Brook Farms Dehydratad Alfalfa Meal 1% (486)	20.56	17.00	3.71	3.00	22.82	27.00	----
SCHOENECK FARMS, INCORPORATED Nazarath, Pa.							
Schoanack's Super-Graan Dehydratad Alfalfa Meal (494)	20.88	17.00	2.68	2.00	25.04	27.00	----
SUNNY SLOPE FARMS Nazarath, Pa.							
Sunny Slopa Ferms Dahydrated Alfalfa Meal (495)	20.06	17.00	3.06	2.00	23.22	27.00	----
Avarage	21.36		3.02		23.32		
<u>ANIMAL PRODUCTS</u>							
<u>Digastar Tankaga</u>							
ROBERT A. REICHARD, INC. Allantown, Pa.							
Raichard's Digestar Tenkaga 60% (491)	59.69	60.00	8.52	5.00	2.78	4.00	----
Averega	59.69		8.52		2.78		
<u>Maat and Bona Scrap</u>							
AMERICAN RENDERING COMPANY Chastar, Pa.							
Arco 50% Ground Maat & Bona Scrap (445)	52.94	50.00	8.69	6.00	1.27	3.00	----
BAUGH & SONS COMPANY Philadalphia, Pa.							
Baugh's 50% Protein Oldast Brand Meat & Bona Scrap (173)	48.50	50.00	11.61	3.00	2.41	3.00	----
BRIGHTON BY-PRODUCTS COMPANY, INC. New Brighton, Pa.							
Maat & Bone Screps (340)	50.56	50.00	9.02	6.00	1.54	3.00	----
ROBERT A. REICHARD, INC. Allantown, Pa.							
Raicherd's Baef & Bona Scrap (492)	46.63	45.00	11.47	6.00	1.69	3.00	----
Raichard's Baaf & Bona Scrap 50% (490)	50.56	50.00	6.47	6.00	1.89	3.00	----
J. O. RYDER RENDERING COMPANY Matamores, Pa.							
Cackla Brand Meat & Bona Scrap (502)	53.69	50.00	11.30	6.00	1.89	3.00	----
Avarega	50.48		9.76		1.78		
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>BARLEY PRODUCTS</u>							
<u>Barley Feed</u>							
OGILVIE FLOUR MILLS Port William, Cenade							
Ogilvie Berley Feed (444)	9.88	9.00	*2.08	2.50	12.41	15.00	----
Average	9.88		2.08		12.41		
<u>COTTONSEED PRODUCTS</u>							
<u>Cottonseed Meal</u>							
COCKE & COMPANY Atlente, Ga.							
Cocke-Sure Prime Quality 41% Protein Cotton Seed Meal (443)	43.69	41.00	4.93	3.00	12.42	14.00	----
HOKE OIL & FERTILIZER COMPANY Reeford, N. C.							
Hoco Prime Quelity Cotton Seed Meal (539)	36.13	36.00	5.12	3.00	15.26	17.00	----
HUMPHREYS-GODWIN COMPANY Memphis, Tenn.							
Dixie 41% Cottonseed Meal (451)	39.00	41.00	5.10	3.00	12.19	12.00	----
THE SOUTHERN COTTON OIL COMPANY Goldsboro, N. C.							
Sco-Co 36% Protein Cottonseed Meal Prime Quality (447)	37.31	36.00	5.04	4.00	12.57	16.00	----
Average	39.03		5.05		13.11		
<u>MARINE PRODUCTS</u>							
<u>Crab Meal</u>							
READING POULTRY FOOD COMPANY Reeding, Pe.							
Reeding Crab Meal (442)	32.38	31.00	*1.52	2.00	*12.54	10.00	----
Average	32.38		1.52		12.54		
<u>Fish Meal</u>							
CONSOLIDATED FISHERIES COMPANY Lewes, Del.							
Squento Consolidedet Fish Meal (446)	62.06	60.00	4.57	5.00	0.92	3.00	----
Squento Consolidated Fish Meal (488)	62.44	60.00	4.74	5.00	2.21	3.00	----
FISH PRODUCTS COMPANY Lewes, Del.							
Smith's Fish Meal (503)	63.75	60.00	8.97	5.00	1.96	3.00	----
Smith's Life Line Fish Meal (538)	61.69	60.00	4.60	5.00	0.34	3.00	----
READING POULTRY FOOD COMPANY Reeding, Pe.							
Reeding Fish Meal (441)	*55.50	60.00	3.68	3.00	2.73	5.00	----
ROBERT A. REICHARD, INC. Allentown, Pe.							
Reichard's 60% Fish Meal (489)	59.31	60.00	5.63	6.00	1.46	2.00	----
Average	60.79		5.37		1.60		
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>SOYBEAN PRODUCTS</u>							
<u>Soybean Oil Meal</u>							
ARCHER-DANIELS-MIDLAND COMPANY Minneapolis, Minn.							
Archer Quolity 34% Protein Solvent Extracted Soybean Oil Meal (451)	38.63	34.00	0.76	0.50	8.87	10.00	----
CENTRAL SOYA COMPANY, INC. Fort Wayne, Ind.							
Centrel Star Brend Solvent Extracted Soybean Oil Meal (460)	46.25	44.00	1.54	0.50	5.03	7.00	----
HARPER FEED MILLS, INC. Washington, Pe.							
Soybean Oil Meal (560)	46.38	44.00	1.02	1.00	5.71	9.00	----
SPENCER KELLOGG & SONS, INC. Decatur, Ill.							
Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal (450)	46.94	44.00	1.26	0.50	5.67	7.00	----
Average	44.55		1.15		6.32		
<u>WHEAT PRODUCTS</u>							
<u>Wheat Bran</u>							
PURITY FLOUR MILLS, INC. Mill Hill, Pe.							
Pure Wheat Bran (413)	14.56	13.00	*3.03	3.50	6.34	7.00	----
THE WHEATENA CORPORATION HIGHSPIRE FLOUR MILLS DIVISION Highspire, Pe.							
Pure Winter Wheat Bren (80)	13.75	12.00	3.48	2.50	8.67	11.00	----
Average	14.15		3.25		7.50		
<u>Wheat Middlings</u>							
PILLSBURY MILLS, INC. Minneapolis, Minn.							
Pillsbury's Herd Wheat Standard B. Middlings with Ground Wheat Screenings N.E.M.R. (383)	19.38	15.00	5.67	4.00	8.37	9.50	----
Average	19.38		5.67		8.37		
<u>MANUFACTURED FEEDS</u>							
<u>CALF FEEDS</u>							
CHAS. M. COX COMPANY Boston, Mess.							
Wirthmore Celf Starter Meal (421)	25.50	22.00	4.52	3.50	5.47	7.00	----
JOHN W. ESHELMAN & SONS Lencester, Pe.							
Red Rose Celf Grower (297)	17.38	14.00	3.79	3.00	8.06	8.50	----
FRED L. & JOHN E. HOMSHER Stresburg, Pa.							
Homsher's Heifer Growing & Dairy Fitting Ration (355)	17.00	14.00	3.41	3.00	7.34	8.50	----
WALTER K. LONG Center Valley, Pe.							
Hi-Standard Complete Celf Feed (68)	15.94	14.00	3.87	3.00	6.07	11.00	----
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
B-B Calf Grower	(285)	20.00	18.50	3.19	3.50	7.60	8.00	----
MCMILLEN FEED MILLS Port Wayne, Ind.								
Master Mix Complete Calf Feed	(605)	18.96	17.50	3.24	3.00	6.56	8.00	----
QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Calf Ration	(587)	15.63	16.00	3.51	3.00	6.52	9.00	----
Average		18.63		3.64		6.80		
<u>CHOP FEEDS</u>								
R. S. ALTMAN Irwin, Pa.								
Altman's Special Chop	(548)	11.81	9.00	2.78	1.50	7.71	10.00	----
BEDFORD FARM BUREAU COOPERATIVE ASSOCIATION Bedford, Pa.								
Corn & Oats Half and Half	(400)	10.63	10.00	3.91	4.00	6.36	8.00	----
EDINBORO COOPERATIVE G.L.F. SERVICE, INCORPORATED Edinboro, Pa.								
Chop	(600)	10.44	9.00	3.98	3.00	6.35	9.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Pure Corn & Oats Chop	(429)	13.63	10.00	4.04	4.00	4.57	10.00	----
Average		11.63		3.68		6.25		
<u>DAIRY CONCENTRATES</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne 32% Dairy Supplement	(456)	34.13	32.00	2.45	1.50	5.34	8.00	----
Wayne 32% Dairy Supplement	(485)	33.88	32.00	2.79	1.50	*8.91	8.00	----
Wayne 32% Dairy Supplement	(516)	37.00	32.00	1.76	1.50	7.24	8.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's 32% Dairy Concentrate	(135)	31.06	32.00	2.07	2.00	6.74	10.00	----
APOLLO MILLING COMPANY Apollo, Pa.								
Apollo's Best 32% Dairy Feed	(138)	33.88	32.00	3.74	2.00	8.07	10.00	----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Kernie's 32% Dairy Supplement	(105)	31.75	32.00	*2.07	3.50	6.38	10.00	----
CITY FLOURING MILLS Muncy, Pa.								
Muncy 32 Dairy	(282)	31.00	32.00	4.41	4.00	7.72	11.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
30% Dairy Supplement	(595)	32.25	30.00	3.31	3.00	5.71	9.00	----
30% Dairy Supplement Albany	(370)	34.31	30.00	3.51	3.00	8.77	9.00	----
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.								
32% Milk Maker	(21)	33.44	32.00	2.84	2.50	7.56	10.00	----
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
32% Milk Maker	(206)	32.94	32.00	2.64	2.50	6.82	10.00	----
32% Milk Maker	(562)	36.13	32.00	3.53	2.50	7.66	10.00	----
CUMBERLAND VALLEY COOPERATIVE ASSOCIATION Shippensburg, Pa.								
Old Reliable 32% Dairy Concentrate	(270)	32.25	32.00	3.90	3.00	10.13	10.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose 32% Dairy Supplement	(37)	35.25	32.00	4.45	2.50	8.66	9.00	----
FISHER & SON COMPANY Malvern, Pa.								
Fisher's 33% Dairy Feed	(366)	35.56	33.00	*2.24	4.50	9.53	10.00	----
H. B. KRATZ & SONS Schwanksville, Pa.								
Ideal 32% Dairy Feed	(170)	30.88	32.00	*1.82	4.00	6.65	9.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix 44% Dairy Supplement	(607)	49.50	44.00	2.16	1.00	6.55	8.00	----
THE MIFFLINBURG FARMERS' EXCHANGE INCORPORATED Mifflinburg, Pa.								
Farmers' 32% Dairy Supplement	(267)	34.06	32.00	*2.77	3.50	8.20	10.00	----
P. J. OESTERLING & SON, INC. Butler, Pa.								
Sun Side 32% Dairy Ration	(144)	32.13	32.00	4.48	1.50	9.87	10.00	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.								
Red Ribbon 30% Dairy Mix	(609)	34.13	30.00	3.74	3.00	8.57	9.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Dairy Premix	(523)	36.81	36.00	2.01	2.00	*6.65	6.00	----
Purina Cow Chow Concentrate	(459)	33.50	32.00	2.35	1.50	6.33	9.00	----
Purina Cow Chow Concentrate	(524)	35.50	32.00	2.45	1.50	6.73	9.00	----
RHODES MILL Selinsgrove, Pa.								
Pearless 32% Dairy Feed	(262)	*29.81	32.00	*2.56	3.00	6.90	8.00	----
SNOOK'S MILLS Mifflinburg, Pa.								
Snook's 32% Dairy Ration	(264)	33.38	32.00	2.47	2.50	7.67	8.00	----
SPRINGS FEED & LUMBER COMPANY Cambridge Springs, Pa.								
Springs 30% Dairy	(604)	34.00	30.00	2.14	2.00	7.43	9.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.								
Wagner's 32% Dairy Feed	(409)	33.25	32.00	2.53	2.50	7.45	8.50	----
Average		34.14		2.86		7.56		
<u>DAIRY FEEDS</u>								
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayna 18% Dairy	(513)	22.19	18.00	3.59	3.00	7.44	9.00	----
Wayne Test-Cow Ration	(517)	19.50	16.00	3.81	4.00	7.24	9.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
R. S. ALTMAN Irwin, Pa.								
Altman's 16% Dairy Ration	(136)	16.50	16.00	2.71	2.50	9.72	11.00	----
Altman's 16% Dairy Ration	(222)	19.88	16.00	2.91	2.50	10.18	11.00	----
Altman's 16% Dairy Ration	(525)	21.31	16.00	2.66	2.50	6.98	11.00	----
Altman's 20% Dairy Ration	(8)	19.31	20.00	2.82	2.50	9.51	11.00	----
Altman's 20% Dairy Ration	(237)	19.81	20.00	2.66	2.50	9.25	11.00	----
Altman's 20% Dairy Ration	(526)	22.25	20.00	3.24	2.50	9.66	11.00	----
Altman's 20% Dairy Ration	(550)	20.75	20.00	2.75	2.50	6.94	11.00	----
Altman's 20% Dairy Ration	(571)	24.31	20.00	2.46	2.50	6.31	11.00	----
Altman's 24% Dairy Ration	(231)	26.63	24.00	2.25	2.50	7.22	11.00	----
APOLLO MILLING COMPANY Apollo, Pe.								
Apollo's Best 20% Dairy Feed	(137)	22.81	20.00	*3.02	3.50	5.99	11.00	----
A. J. BALSHI, INC. Catawisse, Pe.								
Milk-Well 18% Dairy Feed	(103)	20.13	18.00	3.81	3.50	5.18	8.00	----
THE BEACON MILLING COMPANY, INC. Ceyuga, N. Y.								
Beecon Dairy Fitting	(305)	14.31	14.00	4.14	3.25	9.17	9.00	----
Beacon "18" Test Cow Ration	(390)	20.06	18.00	4.46	4.00	7.28	9.00	----
BERKS COUNTY COOPERATIVE ASSOCIATION Temple, Pe.								
24% Cow Feed	(440)	24.88	24.00	2.78	3.00	8.38	10.00	----
JOHN C. BROWN FEED & HARDWARE New Wilmington, Pe.								
Quelity Guaranteed 16% Dairy Ration	(320)	17.19	16.00	3.04	3.00	9.01	10.00	----
BUCKEYE FEED MILLS, INC. Delton, Ohio								
Buckeye 16% Dairy Feed	(327)	18.19	16.00	4.62	2.50	8.94	12.00	----
CITY FLOURING MILLS, INC. Muncy, Pe.								
Muncy 16 Dairy	(281)	18.88	16.00	3.76	3.50	6.57	10.00	----
CLARK'S FEED MILLS Shamokin, Pe.								
Clark's 16% Dairy Feed	(120)	15.06	16.00	3.13	3.00	11.26	12.00	----
COLLEGEVILLE MILLS Collegeville, Pe.								
Perkiomen Dairy Feed	(167)	18.00	16.00	2.87	3.00	10.09	11.00	----
COOPERATIVE G.L.P. EXCHANGE, INC. Ithaca, N. Y.								
18% Dairy	(597)	21.69	18.00	4.78	3.50	8.38	9.00	----
Exchange Dairy	(382)	21.06	20.00	4.81	4.00	8.80	9.00	----
Exchange Dairy	(598)	21.75	20.00	4.45	4.00	7.93	9.00	----
16% Milk Maker	(596)	16.81	16.00	4.71	4.00	7.11	9.00	----
16% Milk Maker Albany	(369)	19.06	16.00	4.78	4.00	7.78	9.00	----
COOPERATIVE MILLS, INC. Harrisburg, Pe.								
16% Dair-Flo	(22)	18.56	16.00	4.70	3.50	8.34	10.00	----
16% Dair-Flo	(512)	19.94	16.00	4.61	3.50	9.78	10.00	----
24% Milk Maker	(240)	26.50	24.00	3.67	3.50	7.57	10.00	----
CRAWFORD BROTHERS, INC. Welton, N. Y.								
Crawford 16% Milk Flow	(380)	19.06	16.00	*2.62	3.50	10.97	11.00	----
DUBLIN MILLING COMPANY Dublin, Pe.								
Dublin 18% Dairy Feed	(71)	20.19	18.00	2.88	3.00	8.21	9.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Fulpail	(209)	23.38	20.00	4.92	4.00	7.03	9.50	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Pennsy 16 Dairy Feed	(463)	19.06	16.00	3.25	3.00	7.52	11.00	----
Red Rose 16 Dairy Feed	(345)	19.19	16.00	3.79	3.50	8.69	9.50	----
Red Rose 18 Dairy Feed	(43)	22.44	18.00	4.09	3.50	7.81	9.50	----
Red Rose 18 Dairy Feed	(467)	19.56	18.00	4.37	3.50	8.39	9.50	----
Red Rose 20 Dairy Feed	(465)	21.69	20.00	2.91	3.00	7.93	9.50	----
Red Rose 20 Dairy Feed	(576)	18.44	20.00	3.27	3.00	8.16	9.50	----
Red Rose 24 Dairy Feed	(42)	29.31	24.00	3.98	3.00	10.29	9.50	----
Red Rose Fitting Ration	(349)	15.00	12.00	3.64	3.50	6.90	7.00	----
FISHER & SON COMPANY Malvern, Pa.								
Fisher's 24% Dairy Feed	(365)	24.38	24.00	*2.65	5.00	7.11	9.00	----
FOWLER FARM SERVICE Franklin, Pa.								
Fowler's 20% Dairy Ration	(234)	22.31	20.00	3.90	3.50	7.26	9.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Gold Medal 16% Dairy Feed	(531)	18.38	16.00	3.41	3.00	9.82	10.00	----
Gold Medal 20% Dairy Feed	(244)	22.19	20.00	3.64	2.50	8.23	10.00	----
Gold Medal 20% Dairy Feed	(530)	21.56	20.00	3.95	2.50	9.80	10.00	----
Gold Medal 16% Milk Ration	(243)	17.50	16.00	3.69	2.00	8.30	11.00	----
Gold Medal 16% Milk Ration	(532)	17.50	16.00	3.32	2.00	9.04	11.00	----
Gold Medal 20% Milk Ration	(533)	20.94	20.00	3.84	2.00	11.87	11.00	----
Larro Suremilk 14	(245)	16.31	14.00	3.79	2.50	8.35	12.00	----
Larro Suremilk 16	(586)	17.69	16.00	3.21	2.50	7.10	12.00	----
Larro Suremilk 20	(416)	23.13	20.00	3.23	2.50	8.47	12.00	----
Larro Suremilk 20	(585)	23.63	20.00	3.62	2.50	7.60	12.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Graen Pasture 16% Dairy Ration	(561)	18.25	16.00	4.31	2.50	10.02	12.00	----
F. D. HARTZEL'S SONS COMPANY Chelfont, Pa.								
Perfection Dairy Feed	(156)	17.69	16.00	3.09	3.00	8.60	8.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Ohio 16% Dairy Ration	(479)	24.13	16.00	4.69	2.00	9.28	11.00	----
Ohio 20% Flaked Milk Maker	(477)	22.44	20.00	4.17	3.00	6.74	10.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's 16% Dairy Feed	(567)	16.94	16.00	3.20	2.50	9.11	11.00	----
Hogsett's 20% Dairy Feed	(568)	19.63	20.00	3.32	3.00	9.79	12.00	----
JOHN J. ROOBER Gordonville, Pa.								
Roobar 24% Dairy Feed	(354)	27.50	24.00	3.25	3.00	8.70	12.00	----
KASCO MILLS, INCORPORATED Waverly, N. Y.								
Kasco Baatsall Milk Grains 20%	(387)	19.13	20.00	3.87	3.50	8.31	10.00	----
C. R. KLINGLER Middle Creek, Pa.								
K Brend 16% Dairy Feed	(252)	18.69	16.00	2.72	3.00	7.68	11.00	----
D. P. KNEPPER Waterfall, Pa.								
Knepper's Milk Producer 16% Dairy Feed	(405)	17.94	16.00	2.70	3.00	6.39	10.00	----
H. B. KRATZ & SONS Schwanksville, Pa.								
Ideal Dairy Feed	(172)	21.19	20.00	*2.73	4.00	9.63	10.00	----
*Deficient								

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
H1-Test Dairy Feed 20% Pro. (481)	22.63	20.00	2.72	3.00	10.00	12.00	----
Marmico 16% Protein Dairy Feed (272)	18.19	16.00	3.06	3.00	8.71	12.00	----
Marmico 16% Protein Dairy Feed (284)	17.19	16.00	2.74	3.00	12.08	12.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion 16% Dairy Feed (391)	21.19	16.00	3.78	3.00	8.06	10.00	----
Champion 20% Dairy Feed (392)	22.75	20.00	3.93	2.50	8.17	8.00	----
MC MILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix 16% Dairy Feed (217)	19.94	16.00	2.45	2.50	7.58	9.00	----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
M-H Fitting Ration (317)	14.56	12.00	4.13	3.00	9.14	11.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.							
16% Milkmaker (189)	19.00	16.00	3.77	3.00	7.51	10.00	----
GEO. Q. MOON & COMPANY, INC. Binghamton, N. Y.							
Moon U. S. 20% Dairy Ration (312)	20.50	20.00	4.48	3.50	10.24	11.00	----
MOSES BROTHERS COMPANY, INC. Eaton, N. Y.							
Dairy-Le 18% Balanced Ration (374)	21.31	18.00	3.84	3.50	8.64	10.00	----
H. W. NEIGER MILLING COMPANY Lake City, Pa.							
Neiger's Best Dairy Feed (594)	19.50	16.00	2.91	3.00	8.76	11.00	----
NYCE'S SUPPLY YARDS New Britain, Pa.							
18% Dairy Ration (53)	17.56	18.00	2.85	3.00	8.33	10.00	----
P. J. OESTERLING & SON, INC. Butler, Pa.							
Silver Seal 16% Dairy Ration (143)	18.13	16.00	1.83	2.00	11.63	11.00	----
THE PARK & POLLARD COMPANY INCORPORATED Buffalo, N. Y.							
Milk Maid Test Cow Ration (386)	20.31	18.00	4.91	4.00	7.82	9.00	----
Milk Maid 14% Test Ration (15)	15.06	14.00	4.47	4.00	8.31	9.00	----
Red Ribbon 16% Dairy Ration (611)	16.75	16.00	3.83	3.50	10.01	11.00	----
Red Ribbon 20% Dairy Ration (16)	23.25	20.00	4.07	3.50	7.46	11.00	----
Red Ribbon 20% Dairy Ration (610)	21.38	20.00	3.25	3.50	7.04	11.00	----
THE QUAKER OATS COMPANY Chicago, Ill.							
Ful-O-Pep Fitting Feed (589)	13.81	14.00	3.10	3.00	7.77	10.00	----
Quaker 16% Protein Dairy Feed (588)	17.38	16.00	2.72	2.50	9.39	11.00	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina Cow Chow 18% (518)	19.75	18.00	2.70	3.00	6.59	10.00	----
Purina Cow Chow 20% (469)	21.56	20.00	2.97	3.00	7.46	10.00	----
Purina Dairy Chow 16% (521)	17.38	16.00	3.64	2.50	10.95	11.00	----
Purina Dairy Chow 18% (471)	20.50	18.00	3.56	2.50	9.95	11.00	----
Purina Milk Chow 18% (288)	21.00	18.00	*2.49	3.00	8.32	10.00	----
Purina Milk Chow 20% (295)	23.63	20.00	2.70	3.00	8.46	10.00	----
Purina Milk Chow 20% (470)	23.81	20.00	2.74	3.00	7.47	10.00	----
RED BANK MILLS New Bethlehem, Pa.							
16% Star Dairy Feed (130)	21.06	16.00	3.77	3.00	7.14	11.00	----
20% Superior Dairy Feed (131)	25.06	20.00	2.84	3.00	7.63	10.00	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
REED MILLING COMPANY Brookville, Pe.								
Reed's Triangle 20% Dairy Feed	(145)	21.94	20.00	3.33	2.00	8.78	11.00	----
RICHLAND FEED COMPANY Richlandtown, Pe.								
Richlend 16% Dairy Feed	(62)	17.94	16.00	2.79	3.00	9.22	9.00	----
ROBERTS FEED MILL Peckville, Pe.								
Rob Rose 16% Dairy Feed	(378)	18.50	16.00	3.35	3.50	6.89	7.00	----
ROUX FEED MILLS Ferrell, Pe.								
Roux 16% Dairy	(225)	24.75	16.00	3.66	2.00	10.39	12.00	----
Roux 20% Dairy	(224)	27.31	20.00	1.84	2.00	7.93	12.00	----
SHELLY BROTHERS Perkasie, Pe.								
Shelly Bros. Queliity 16% Dairy Feed	(199)	18.06	16.00	3.13	3.00	8.25	10.00	----
ESTATE OF GEO. S. SNYDER, INC. Hetfield, Pe.								
Snyder's Queliity Dairy Feed	(187)	18.31	18.00	3.21	3.50	7.96	10.00	----
THORPE, BAKER & COMPANY Carbondale, Pe.								
C-A Dairy Retion	(367)	18.56	18.00	3.57	3.50	5.78	10.00	----
THRIFT FEED MILLS, INC. Doylestown, Pe.								
Thriftee 18% Dairy	(73)	20.81	18.00	3.46	3.50	7.38	9.00	----
TIOGA MILLS, INC. Waverly, N. Y.								
Creametine	(275)	22.38	20.00	5.11	4.50	7.42	8.50	----
JACOB TRINLEY & SONS, INC. Linfield, Pe.								
Trinlay's 16% Dairy Feed	(160)	14.88	16.00	4.51	3.00	10.19	11.00	----
THE UBIKO MILLING COMPANY Cincinnati, Ohio								
20% Union Grains Lifa Guerd Dairy Feed	(437)	20.19	20.00	3.61	2.50	7.38	10.00	----
ULSH'S FEED STORE & HATCHERY Port Trevarton, Pe.								
Ulsh's Winner 18% Dairy Feed	(260)	18.44	18.00	2.78	3.00	7.22	8.00	----
VANDERVORT MILLS, INC. Leceyville, Pe.								
Vandervort's Gold Band 16% Dairy Ration	(294)	15.31	16.00	3.53	3.50	8.26	9.00	----
Vandervort's Gold Band 18% Dairy Ration	(292)	19.19	18.00	*3.66	4.50	8.35	8.00	----
C. Y. WAGNER & COMPANY, INC. Bellafonte, Pe.								
Wegner's 20% Dairy Feed	(411)	20.75	20.00	3.22	3.50	7.21	12.00	----
WAYMART MILLING COMPANY Weymert, Pa.								
Wey-Best Fitting Ration	(368)	16.00	14.00	3.91	4.00	5.50	9.00	----
WESTERN FLOUR COMPANY Charleroi, Pe.								
Economy 20% Dairy Feed	(203)	20.69	20.00	4.50	3.00	6.94	11.00	----

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. M. WYCOFF East Stroudsburg, Pa.							
Bestway Dairy Feed (501)	18.19	18.00	4.62	3.50	7.46	9.00	----
Average	20.09		3.50		8.34		
<u>HORSE FEEDS</u>							
R. S. ALTMAN Irwin, Pa.							
Altman's Horse Feed (527)	13.56	8.00	3.31	3.00	5.99	15.00	----
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.							
Beacon Horse Feed (46)	13.07	13.00	3.84	3.00	6.89	9.00	----
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett's Horse Feed (570)	11.25	10.00	3.40	3.00	8.32	10.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix Horse Feed (606)	15.44	10.00	2.87	3.00	5.69	9.00	----
OWINGS BROTHERS OF YORK, INC. York, Pa.							
June Bug Horse Feed (48)	11.50	9.00	*3.05	4.00	5.12	7.00	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.							
Yankee Horse Feed (614)	14.38	10.00	3.54	2.50	7.01	10.00	----
PHOENIX COAL & FEED COMPANY Chester Springs, Pa.							
Heavy Grain Horse Feed (364)	10.36	10.00	3.25	3.00	7.23	8.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.							
Supreme 85% Grain Horse Feed (537)	10.54	9.00	3.35	2.50	6.57	11.00	----
Average	12.51		3.83		6.60		
<u>MEDICATED POULTRY FEEDS</u>							
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
3-Nitro Mixture incorporated in Hi-Lo Broiler Ration (44)	23.63	20.00	4.47	3.50	5.06	5.00	----
HARPER FEED MILLS, INC. Washington, Pa.							
.005% 3-Nitro-4-Hydroxyphenyl- arsonic Acid incorporated in Harco Broiler Mash (424)	23.13	18.00	4.26	3.00	4.58	6.00	----
.005% 3-Nitro-4-Hydroxyphenyl- arsonic Acid incorporated in Harco Complete Starter- Broiler Ration (422)	23.44	18.00	3.76	3.00	4.12	5.50	----
.005% 3-Nitro-4-Hydroxyphenyl- arsonic Acid incorporated in Harco Complete Starter- Broiler Ration (559)	21.31	18.00	4.49	3.00	4.28	5.50	----
MOYER & SON Souderton, Pa.							
Sulfaquinoxaline incorporated in M & S Turkey Starter Mash (194)	29.63	27.00	3.50	3.50	3.69	5.00	----

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA COMPANY St. Louis, Mo.							
Purine 3-Nitro-4-Hydroxyphenyl- ersonic Acid Mixture in- corporated in Purine Broiler Chow (461)	20.63	18.00	4.01	3.00	4.76	7.00	----
Purine 3-Nitro-4-Hydroxyphenyl- eronic Acid & Nitrophenide (from Megasul) Mixture in- corporated in Purina Broiler Chow Finisher (582)	21.81	18.00	4.31	4.50	4.01	4.50	----
Purine 3-Nitro-4-Hydroxyphenyl- eronic Acid Mixture in- corporated in Purine Broiler Chow Starter (287)	23.38	22.00	4.92	4.50	4.84	5.00	----
Purine 3-Nitro-4-Hydroxyphenyl- eronic Acid & Nitrophenide (from Megasul) Mixture in- corporated in Purina Broiler Chow Starter (581)	24.63	22.00	5.11	4.50	3.74	5.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Nitrophenide-3-Nitro Mix incorporated in Thrift Broiler Ration (427)	23.94	20.00	2.88	3.00	3.53	4.50	----
SHOHOLA FEED & GRAIN COMPANY Shohole, Pa.							
Nitrofurzone with Arsonic Growth Stimulant incorporated in Super K-Pet Finisher (504)	20.13	17.00	3.56	3.00	4.87	5.00	----
THE UBIKO MILLING COMPANY Cincinnati, Ohio							
3-Nitro and Nitrofurzone Mixture incorporated in Life Guard Hi-Proof Broiler Ration (434)	25.56	21.00	4.00	3.50	4.31	4.50	----
Average	23.43		4.11		4.31		
<u>POULTRY CONCENTRATES</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne Poultry Mixer (457)	35.38	36.00	2.10	1.50	7.31	10.00	----
BERKS COUNTY COOPERATIVE ASSOCIATION Temple, Pa.							
32% Poultry Supplement (438)	37.81	32.00	*2.30	3.00	5.81	8.00	----
CHAS. M. COX COMPANY Boston, Mass.							
Wirthmore 32% Poultry Concentrate (575)	33.19	32.00	2.24	2.00	5.40	7.00	----
DEWALD'S MILL Bloomsburg, Pa.							
DeWald's Poultry Concentrate (122)	29.06	30.00	5.81	3.50	6.46	7.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix Layer Concentrate (227)	32.56	34.00	1.91	1.50	6.32	7.50	----
Master Mix Layer Concentrate (458)	35.44	34.00	3.30	1.50	5.86	7.50	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.							
Ley or Bust Poultry Mash Supplement (205)	34.81	32.00	2.80	3.00	6.35	6.00	----
Average	34.04		2.92		6.22		
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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
POULTRY FEEDS								
ABERDEEN MILLS Elizabethtown, Pa.								
Aberdaen Egg Mash	(83)	20.44	20.00	3.22	3.00	6.02	8.00	----
Abardeen Growing Mash	(82)	18.63	18.00	3.10	3.00	6.57	8.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne Egg Mash	(483)	22.31	20.00	3.47	3.00	5.09	5.50	----
Wayne Mash Laya	(315)	23.81	20.00	2.94	3.00	5.50	7.00	----
Wayna Universal Egg	(484)	19.13	16.00	3.44	2.50	4.18	4.50	----
R. S. ALTMAN Irwin, Pa.								
Altman's "B" Growing Mash	(277)	20.88	17.00	3.24	3.00	8.09	9.00	----
Altman's "B" Growing Mash	(432)	21.63	17.00	3.61	3.00	7.60	9.00	----
Altman's "B" Growing Mash	(552)	18.31	17.00	3.42	3.00	7.53	9.00	----
Altman's "B" Starting & Broiler Mash	(9)	21.44	18.00	3.31	3.00	6.69	8.00	----
Altman's "B" Starting & Broiler Mash	(221)	19.38	18.00	3.93	3.00	5.70	8.00	----
Altman's "B" Starting & Broiler Mash	(233)	20.38	18.00	3.15	3.00	6.50	8.00	----
Altman's "B" Starting & Broiler Mash	(528)	20.94	18.00	3.57	3.00	6.17	8.00	----
Altman's Blue Bird Egg Mash	(223)	17.56	16.00	2.50	2.50	7.72	9.00	----
Altman's Blue Bird Egg Mash	(238)	19.19	16.00	3.33	2.50	6.01	9.00	----
Altman's Growing Mash	(574)	21.38	17.00	3.25	3.00	6.59	9.00	----
Altman's Quality Egg Mash	(10)	22.25	20.00	2.83	3.00	6.87	9.00	----
Altman's Quality Egg Mash	(239)	23.19	20.00	2.88	3.00	6.95	9.00	----
Altman's Quality Egg Mash	(276)	21.75	20.00	2.76	3.00	6.17	9.00	----
Altman's Quality Egg Mash	(431)	23.00	20.00	3.20	3.00	6.92	9.00	----
Altman's Quality Egg Mash	(549)	22.81	20.00	3.19	3.00	6.73	9.00	----
Altman's Quality Egg Mash	(573)	22.00	20.00	3.01	3.00	7.52	9.00	----
Altman's Spacial Broiler Ration	(433)	26.38	20.00	3.20	3.00	4.84	5.50	----
Altman's Super A "Y" Egg Mash	(134)	27.00	24.00	*2.69	3.00	6.91	8.00	----
Altman's Super A "Y" Egg Mash	(232)	26.25	24.00	*2.44	3.00	6.19	8.00	----
Altman's Super A "Y" Egg Mash	(430)	29.13	24.00	2.84	3.00	6.71	8.00	----
Altman's "Y" Growing Mash	(7)	21.44	17.00	3.45	3.00	6.02	9.00	----
APOLLO MILLING COMPANY Apollo, Pa.								
Apollo's Bast Turkey Grower	(139)	19.50	20.00	4.74	5.00	6.67	7.00	----
CHAS. R. BAHN Windsor, Pa.								
Bahn's Growing Mash	(28)	20.69	19.00	4.33	3.00	5.93	8.00	----
Bahn's H. E. Broiler Ration	(31)	21.38	20.00	4.28	3.00	3.77	3.50	----
Bahn's 20% Laying Mash	(30)	22.56	20.00	4.85	3.50	5.96	8.00	----
Bahn's 20% Starter & Grower	(29)	23.00	20.00	4.64	3.00	5.47	7.00	----
Bahn's Super Layer	(27)	24.19	20.00	4.92	3.00	5.90	8.00	----
Bahn's Turkey Grower	(35)	20.31	20.00	3.92	3.00	5.82	7.50	----
Bahn's Turkey Startar Mash	(32)	28.38	26.00	3.79	2.50	4.32	5.00	----
A. J. BAISHI, INCORPORATED Catawissa, Pa.								
Must Gro Growing Mash	(102)	20.81	20.00	4.09	3.00	4.97	8.00	----
Must Lay Egg Mash	(101)	19.50	20.00	4.09	3.50	3.98	8.00	----
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.								
Beacon "22" Egg Mash	(47)	23.81	22.00	4.00	3.00	4.73	5.75	----
BECK'S FEED & GRAIN, INC. Kutztown, Pa.								
Back's Chick Startar	(453)	25.69	17.00	4.56	4.00	5.46	6.00	----
Back's Growing Mash	(454)	20.19	17.50	4.27	4.00	7.02	7.00	----
Back's 22% Laying Mash	(455)	23.81	22.00	4.66	5.00	4.94	6.00	----
BEDFORD FARM BUREAU COOPERATIVE ASSOCIATION Bedford, Pa.								
Economy Laying Mash	(398)	21.56	20.00	3.98	3.00	4.89	8.00	----
BELLEVILLE FLOUR MILLS COMPANY Ballavilla, Pa.								
Ultra-Lifed 20% Laying Mash	(257)	21.06	20.00	3.88	4.00	*8.69	7.50	----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BENFER FLOUR & FEED MILL Beavertown, Pa.								
Snook's Just-Rite Breeder Mash	(251)	21.06	20.00	4.25	3.00	5.84	7.00	----
C. E. BENFIELD COMPANY South Perkaspie, Pa.								
White Rose Egg Mash	(200)	21.19	20.00	4.50	2.50	5.34	7.00	----
White Rose Growing Mash	(201)	19.06	18.00	4.15	3.00	5.28	6.00	----
PAUL E. BLASS Paxinos, Pa.								
Shamrock All-Mash Layer	(113)	15.56	15.00	3.73	3.00	5.07	6.50	----
Shamrock Laying Mash	(112)	20.88	20.00	3.67	2.50	5.18	7.00	----
W. H. BOHNER Pillow, Pa.								
Bohner's Laying Mash	(98)	16.44	16.00	3.92	4.00	4.42	8.00	----
GURNEY D. BRANDT & SONS Lebanon, Pa.								
Brandt's Starter & Grower	(88)	20.50	18.00	3.34	3.00	4.52	6.00	----
HAROLD C. BRANDT Annnville, Pa.								
Blue Ribbon Growing Mash	(90)	21.81	18.00	4.47	3.00	4.00	7.00	----
Blue Ribbon Laying Mash	(91)	21.06	20.00	4.86	3.50	4.13	7.00	----
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.								
Pearson's Growing Mash	(179)	18.56	17.00	3.52	3.00	8.06	8.00	----
Pearson's 20% Laying Mash	(178)	19.06	20.00	3.70	3.00	8.04	8.00	----
BROWN & FASSETT Tunkhannock, Pa.								
B & F Favorite Dry Mash	(301)	21.50	20.00	5.24	4.50	7.04	9.00	----
JOHN C. BROWN FEED & HARDWARE New Wilmington, Pa.								
Quality Guaranteed 18% H1-Efficiency Grower	(319)	21.31	18.00	2.96	3.00	4.70	5.00	----
BUSHKILL MILLING COMPANY Easton, Pa.								
Bushkill Egg Mash	(498)	21.31	20.00	2.99	2.50	6.22	7.00	----
CANONSBURG MILLING COMPANY Canonsburg, Pa.								
Gilt Edge Egg Mash	(216)	23.19	20.00	2.43	2.50	6.37	6.00	----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Blue Ribbon Egg Mash	(314)	19.31	18.00	3.66	3.00	7.97	8.00	----
Kernie's Growing Mash	(104)	19.13	18.00	4.24	3.00	6.41	8.00	----
Kernie's Laying Mash	(106)	20.94	20.00	3.87	3.00	5.97	8.00	----
CLARK'S FEED MILLS Shamokin, Pa.								
Clark's Growing Mash	(121)	19.94	20.00	3.63	3.00	6.71	7.50	----
Clark's Laying Mash	(119)	21.31	20.00	3.26	3.00	5.94	7.00	----
COLLEGEVILLE MILLS Collegeville, Pa.								
"Improved" Laying Mash	(168)	20.13	20.00	5.20	3.00	6.42	7.50	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
Chick Starter	(381)	21.94	20.00	3.60	3.00	4.07	4.50	----
Growing Mash	(601)	21.31	20.00	3.94	3.00	4.81	8.00	----
Laying Mash	(304)	20.13	20.00	4.23	3.00	4.76	6.00	----
Laying Mash	(499)	21.06	20.00	3.52	3.00	4.95	6.00	----
Laying Mash	(602)	20.50	20.00	3.89	3.00	5.16	7.50	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.								
Growing Mash	(20)	19.75	17.50	5.49	3.00	5.24	6.50	----
Growing Mash	(511)	19.13	17.50	4.64	3.00	4.81	6.50	----
Growing Mash	(566)	21.06	17.50	3.98	3.00	6.44	6.50	----
Starting & Growing Mash	(241)	20.63	20.00	4.91	3.00	4.34	6.00	----
Super Laying Mash	(19)	22.44	20.00	5.03	3.00	6.03	6.50	----
Super Laying Mash	(207)	21.63	20.00	4.81	3.00	5.97	6.50	----
Super Laying Mash	(242)	22.31	20.00	4.76	3.00	5.44	6.50	----
Super Laying Mash	(565)	22.00	20.00	5.20	3.00	5.33	6.50	----
Turkey Growing Mash	(564)	23.31	20.00	4.98	3.00	5.86	6.50	----
CHAS. M. COX COMPANY Boston, Mass.								
Wirthmore Complete Chick Starter	(578)	23.88	20.00	5.81	3.00	4.16	5.00	----
Wirthmore Complete Egg Ration	(372)	18.44	15.00	3.73	3.00	4.91	6.00	----
Wirthmore Growing Mash	(12)	20.75	18.00	3.68	3.00	4.39	7.00	----
Wirthmore Growing Mash	(420)	20.56	18.00	4.11	3.00	4.37	5.50	----
Wirthmore Growing Mash	(554)	21.56	18.00	4.09	3.00	4.37	5.50	----
Wirthmore Laying Mash	(11)	23.13	20.00	3.73	3.00	6.46	7.00	----
Wirthmore Laying Mash	(418)	23.38	20.00	3.76	3.00	4.57	5.50	----
Wirthmore Laying Mash	(553)	22.88	20.00	3.92	3.00	4.31	5.50	----
Wirthmore Laying Mash	(577)	23.75	20.00	3.69	3.00	4.04	5.50	----
Wirthmore Turkey Growing Ration	(419)	24.13	20.00	3.14	3.00	6.00	6.50	----
CRAWFORD BROTHERS, INC. Walton, N. Y.								
Crawford Laying Mash	(379)	19.69	20.00	3.93	3.50	*9.57	8.50	----
IRWIN K. CURRY Swatara Station, Pa.								
Swatara Egg Mash	(93)	20.19	18.00	3.98	3.00	5.75	8.50	----
DARLINGTON MILLING COMPANY Darlington, Pa.								
Darmico Egg	(339)	20.44	18.00	4.72	4.50	5.62	6.50	----
DAVIS FEED MILL Rushland, Pa.								
Davis Growing Mash	(182)	21.06	17.00	4.46	4.00	7.31	7.00	----
Davis Laying Mash	(183)	21.88	20.00	4.65	3.50	*8.03	7.00	----
L. J. DENLINGER COMPANY Paradise, Pa.								
Denlinger's Egg Mash	(358)	19.56	20.00	3.66	2.50	5.54	7.00	----
Denlinger's Growing Mash	(359)	19.88	18.00	3.89	3.00	4.50	6.00	----
Denlinger's Super Broiler	(360)	20.81	20.00	3.78	3.00	2.99	4.00	----
DEWALD'S MILL Bloomsburg, Pa.								
DeWald's Chick Starter & Grower	(124)	21.06	20.00	3.28	3.00	5.59	7.00	----
DeWald's Quality Laying Mash	(123)	21.13	20.00	4.02	3.00	6.44	7.00	----
DIAMOND MILLING COMPANY New Brighton, Pa.								
Diamond Mono Mash	(338)	21.38	20.00	3.32	2.50	5.33	6.00	----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin Layer Mash	(69)	20.88	20.00	5.06	3.00	7.42	8.00	----
Dublin Starter & Grower Mash	(70)	20.56	20.00	5.01	3.00	6.91	8.00	----
EEL. DUNWOODY COMPANY Philadelphia, Pa.								
Super X Growing & Developing Mash	(534)	19.13	18.00	*3.37	6.00	7.44	8.00	----
Super X Laying Mash	(536)	21.81	18.00	4.10	4.00	6.45	10.00	----
Super X Starting Mash	(535)	22.06	20.00	4.37	4.00	5.07	7.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
All Mash Developer	(210)	18.00	16.00	5.06	4.00	4.32	4.50	----

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		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. B. EMBODY & SON Perkiomanville, Pe.								
Embody's Laying Mesh	(177)	19.44	19.00	4.13	4.00	8.50	9.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pe.								
Pennsy Laying Mesh	(298)	23.75	20.00	3.76	3.50	6.21	8.00	----
Red Rose Broiler Finisher	(38)	21.06	18.00	4.16	3.50	7.00	6.50	----
Red Rose Complete Growing Retion	(347)	20.06	17.00	3.73	3.50	6.40	5.50	----
Red Rose Complete Laying Ration	(344)	19.69	16.00	3.97	3.50	*5.71	4.50	----
Red Rose Growing Mash	(350)	20.94	18.00	3.84	3.50	6.42	7.00	----
Red Rosa Growing Mash	(466)	19.75	18.00	3.92	3.50	5.57	7.00	----
Red Rose Hi-Lo Broiler Retion	(348)	24.00	20.00	4.15	3.50	4.54	5.00	----
Red Rose Laying Mesh	(13)	23.38	20.00	3.60	3.50	5.93	5.50	----
Red Rose Laying Mesh	(40)	23.81	20.00	4.27	3.50	5.81	5.50	----
Red Rose Laying Mesh	(343)	22.50	20.00	3.37	3.50	5.87	5.50	----
Red Rose Laying Mesh	(462)	21.06	20.00	3.22	3.50	5.73	5.50	----
Red Rose Laying Mesh	(555)	22.44	20.00	3.37	3.50	5.34	5.50	----
Red Rosa Starter & Grower	(41)	20.50	18.00	4.38	3.50	6.88	6.50	----
Red Rose Starter & Grower	(313)	19.94	18.00	4.49	3.50	6.81	6.50	----
Red Rose Turkey Starter	(39)	29.44	26.00	3.78	3.50	5.41	6.50	----
FWLER FARM SERVICE Franklin, Pe.								
Fowler's Growing Retion	(236)	20.38	19.00	3.78	3.00	6.50	8.00	----
Fowler's Laying Retion	(235)	20.31	20.00	3.64	4.00	6.00	7.00	----
E. K. FREED & SONS Livarpool, Pe.								
Freed's 18% Grower	(259)	18.94	18.00	3.81	3.00	5.13	5.50	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Surebroiler Finisher	(417)	21.00	18.00	4.11	2.50	3.91	4.50	----
Larro Surechick	(415)	21.44	20.00	3.73	3.00	4.74	6.00	----
Larro Sureley "Hi-Energy"	(414)	23.63	20.00	3.53	2.50	5.84	7.00	----
W. G. GODSHALL Morwood, Pe.								
Godshell's Special Mash	(188)	22.00	17.00	*3.01	4.00	6.86	8.50	----
S. H. GOSS & SONS Lewistown, Pe.								
Mt. Rock Starter & Grower Mash	(258)	*16.50	20.00	2.87	3.00	5.87	10.00	----
GREENE COUNTY FARMERS EXCHANGE Waynasburg, Pa.								
Champion Growing Mash	(214)	19.44	16.00	3.90	3.50	5.24	8.00	----
HALES & HUNTER COMPANY Chicago, Ill.								
Red Comb All Mesh Layer	(307)	18.63	17.00	4.52	3.00	5.71	7.00	----
Red Comb Egg Mash	(474)	21.06	20.00	5.08	3.00	5.86	7.00	----
Red Comb Growing Mash	(308)	19.69	18.00	3.84	3.00	6.67	7.00	----
HANEY MILLING COMPANY Denville, Pe.								
Ideal Egg Mash	(110)	21.13	20.00	3.18	2.50	6.08	7.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Rarco Complete Starter-Broiler Ration	(4)	19.94	18.00	4.06	3.00	5.33	5.50	----
Harco Laying Mash	(5)	19.38	20.00	4.05	3.00	6.79	7.00	----
Harco Laying Mash	(425)	22.75	20.00	3.63	3.00	5.81	7.00	----
Harco Laying Mash	(558)	22.88	20.00	3.88	3.00	5.54	7.00	----
Herco Turkey Starting Mash	(6)	28.50	28.00	3.83	3.00	4.90	5.50	----
Top Profit Range Growing Mash	(423)	21.50	18.00	3.71	3.00	4.56	8.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Growing Mash	(155)	18.44	18.00	3.72	3.00	5.63	6.00	----
Perfection Hi-NRG Egg Mash	(154)	20.31	20.00	3.37	2.50	6.06	6.00	----

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		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JOHN M. HERR Grantville, Pa.								
Herr's Egg Mash	(77)	22.06	20.00	4.03	3.50	5.48	7.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Ohio Egg Mash	(476)	23.38	20.00	3.56	3.00	6.76	8.00	----
C. J. HESS Shade Gap, Pa.								
Egg Mash	(402)	17.06	18.00	4.61	4.00	5.42	5.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's Laying Mash	(569)	20.38	18.00	4.01	3.00	6.94	7.00	----
FRED L. & JOHN E. HOMSHER Strasburg, Pa.								
Homsher's 20% Egg Mash	(357)	19.13	20.00	4.12	3.50	*8.35	7.50	----
JOHN J. HOOBER Gordonville, Pa.								
Hoober 20% Breeder Mash	(352)	22.81	20.00	3.28	3.50	4.46	6.00	----
Hoober 20% Egg Mash	(351)	21.81	20.00	3.32	3.50	4.67	6.00	----
Hoober 18% Growing Mash	(353)	18.38	17.00	3.38	3.00	4.29	6.00	----
HORST'S MILLS Lebanon, Pa.								
Horst's Mill Broiler	(126)	22.81	20.00	3.92	3.00	4.25	5.50	----
HUBER BROTHERS Schaefferstown, Pa.								
Huber's Laying Mash	(87)	20.94	18.00	3.94	4.00	6.97	8.00	----
HUNTSINGER'S MILL Hegins, Pa.								
Quality Chick Grower	(116)	17.88	18.00	4.00	3.50	6.13	7.50	----
Quality Egg Mash	(114)	21.75	21.00	4.55	3.50	5.38	6.00	----
Quality High-Energy Broiler Feed	(115)	22.75	21.00	3.83	3.50	4.16	4.00	----
JUNIATA ROLLER MILLS Thompstontown, Pa.								
Burn's Quality Laying Mash	(268)	22.13	20.00	3.71	3.50	5.24	6.50	----
KASCO MILLS, INCORPORATED Waverly, N. Y.								
Kasco Egg Producer	(388)	23.19	20.00	4.31	3.50	5.51	7.00	----
KASHNER BROTHERS Danville, Pa.								
Green Diamond Egg Mash	(111)	22.06	20.00	3.88	2.50	5.66	6.50	----
KIEFER BROTHERS Hegins, Pa.								
Kiefer's Premium Egg Mash	(117)	21.50	20.00	3.89	2.50	4.95	6.50	----
C. R. KLINGLER Middle Creek, Pa.								
K Brand Broiler Ration	(253)	21.81	20.00	2.89	3.00	4.14	4.00	----
D. P. KNEPPER Waterfall, Pa.								
Knepper's 20% Layer Mash	(406)	22.13	20.00	4.79	3.00	5.80	8.00	----
H. B. KRATZ & SONS Schwenksville, Pa.								
Ideal Laying Mash	(169)	22.50	20.00	3.92	4.00	6.45	8.00	----
A. F. LEIDY Delphi, Pa.								
Leidy's Egg Mash	(174)	19.88	20.00	3.41	2.50	5.37	6.50	----
Leidy's Growing Mash	(175)	19.00	18.00	3.14	3.00	5.79	6.00	----

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WALTER K. LONG Center Valley, Pa.							
H1-Standard Egg Mash (66)	24.88	21.00	3.87	3.00	5.50	8.00	----
H1-Standard Starting & Growing Mash (67)	21.94	20.00	4.76	4.00	5.74	7.50	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.							
Shiffer's Quality Chick Starter (96)	22.44	21.00	3.53	2.50	5.08	6.00	----
Shiffer's Quality Egg Mash (95)	20.50	20.00	3.47	2.50	5.97	6.50	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.							
Mahoning Economy Laying Mash (153)	20.81	20.00	*3.07	4.00	5.86	8.00	----
Mahoning Poultry Hatching Egg Mash (152)	23.00	21.00	3.91	3.25	5.76	6.50	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B-B Growing Mash (480)	21.31	18.00	3.17	2.50	3.93	6.00	----
B-B Ma-Co Complete Turkey Growing Ration (376)	22.19	22.00	3.40	3.00	2.82	4.00	----
B-B Ma-Co Egg Mash (283)	24.94	21.00	3.14	2.50	2.90	4.00	----
Dollar Maker Brand Egg Mash (375)	20.81	20.00	2.79	2.50	6.16	8.00	----
Dollar Maker Brand Egg Mash (482)	20.94	20.00	2.73	2.50	7.81	8.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion Chick Starter (395)	22.38	21.00	3.67	2.50	4.72	6.00	----
Champion Egg Mash (393)	21.38	20.00	4.30	2.50	5.50	6.50	----
MARZEN'S FEED STORE Jim Thorpe, Pa.							
Marzen's Growing Mash (507)	20.13	18.00	3.93	3.00	5.18	6.00	----
Marzen's Laying Mash (505)	22.13	20.00	4.10	2.50	5.88	6.50	----
MAUSER MILL COMPANY Palmerston, Pa.							
Mausers's Growing Mash (508)	21.81	18.00	3.71	3.00	6.11	7.50	----
Mausers's 22% Laying Mash (493)	24.00	22.00	3.79	3.50	5.66	8.00	----
Mausers's 20% Turkey Grower Pellets (509)	20.69	20.00	4.03	3.00	5.27	7.50	----
MCCOMMON'S FEED MILL New Castle, Pa.							
McCommon's A-Grade Egg Mash (337)	23.19	20.00	3.11	2.75	6.77	9.00	----
MIDLAND MILLING & SUPPLY COMPANY Midland, Pa.							
Burton Pan-A-Min Laying Mash (342)	17.38	17.00	3.51	3.50	5.31	7.50	----
MIDWAY MILLS Lebanon, Pa.							
Midway All-Mash Breeder Mash (128)	17.50	16.00	3.95	3.00	6.63	7.00	----
Midway Special Broiler Mash (129)	21.25	20.00	3.74	3.00	4.34	4.00	----
MIFFLINBURG FARMERS' EXCHANGE INCORPORATED Mifflinburg, Pa.							
Farmers 18% Egg Mash (266)	16.81	18.00	2.99	2.50	5.19	7.00	----
S. K. MINOR & SON Washington, Pa.							
Minor's Laying Mash (204)	20.81	20.00	*2.63	3.00	8.79	8.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.							
Super Laying Mash (190)	21.56	20.00	3.36	3.00	3.77	5.00	----
GEO. Q. MOON & COMPANY, INC. Binghamton, N. Y.							
Moon N. E. Complete Laying Mash (311)	16.81	16.00	3.92	3.00	8.99	9.00	----
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MOSES BROTHERS COMPANY, INC. Eaton, N. Y.							
Moco Eggattar Mash (373)	19.06	17.00	3.47	3.50	7.19	7.00	----
MOYER & SON Soudarton, Pa.							
M & S Laying Mash (192)	24.38	20.00	3.52	3.50	5.68	7.50	----
M & S Turkey Growing Mash (193)	26.38	26.00	3.52	3.50	6.43	6.50	----
ROBERT E. MURRAY Baaver Springs, Pa.							
Bob's Bast Egg Mash (248)	20.44	20.00	3.61	2.50	5.66	6.50	----
H. W. NEIGER MILLING COMPANY Laka City, Pa.							
Naigar's Bast Laying Mash (593)	21.56	20.00	3.57	3.50	4.76	8.00	----
Neiger's Bast Starter & Growar (591)	21.94	18.00	3.37	3.75	4.84	8.00	----
NYCE'S SUPPLY YARDS New Britain, Pa.							
Growing Mash (52)	20.56	18.00	4.56	3.00	5.42	7.50	----
Hi-Efficiency Laying Mash (51)	20.63	20.00	4.25	3.00	5.80	7.50	----
Turkey Growar (54)	19.75	20.00	3.93	3.50	6.38	7.50	----
P. J. OESTERLING & SON, INC. Butlar, Pa.							
Sun Side Growing Mash (247)	22.69	20.00	4.13	3.00	6.27	8.00	----
OWINGS BROTHERS OF YORK, INC. York, Pa.							
Juna Bug Laying Mash (49)	20.75	20.00	4.20	3.00	6.01	8.00	----
THE PARK & POLLARD COMPANY INCORPORATED Buffalo, N. Y.							
Lay or Bust Egg Mash (17)	21.81	20.00	4.24	3.50	5.07	5.50	----
Lay or Bust Egg Mash (299)	20.94	20.00	3.77	3.50	5.34	5.50	----
Lay or Bust Egg Mash (385)	21.56	20.00	3.97	3.50	5.40	5.50	----
Lay or Bust Egg Mash (612)	20.69	20.00	3.40	3.50	5.31	5.50	----
Lay or Bust Growing Faed (613)	20.06	18.00	3.66	3.50	5.14	5.50	----
Park & Pollard Completa Growar (18)	15.19	15.00	4.04	3.00	5.49	6.00	----
PAXTONVILLE FLOUR MILLS Paxtonvilla, Pa.							
Champion Laying Mash (263)	19.00	20.00	3.82	4.00	5.57	8.00	----
PETERSBURG MILLING COMPANY Bassamar, Pa.							
Pamico Egg Mash (328)	20.69	20.00	2.95	2.50	5.43	6.50	----
Pamico Growing Mash (329)	20.06	18.00	3.35	3.00	4.43	6.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pa.							
Just Right Egg Mash (158)	21.75	18.00	4.44	3.50	6.21	7.00	----
THE QUAKER OATS COMPANY Chicago, Ill.							
Ful-O-Pap Laying Mash (590)	20.94	20.00	3.50	3.00	8.49	8.00	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Chowmix Laying Mash (603)	20.94	18.00	2.77	3.00	5.60	8.00	----
Chowmix Laying Mash E (332)	21.38	18.00	4.93	3.00	6.27	8.00	----
Purina Chick Growena (296)	18.50	17.00	4.39	3.00	4.82	7.00	----
Purina Flock Chow (289)	20.50	18.00	4.11	2.50	5.76	7.00	----
Purina Flock Chow (300)	21.44	18.00	3.95	2.50	6.70	7.00	----
Purina Han Chow E (468)	11.75	9.00	2.51	2.00	3.57	5.00	----
Purina Lay Chow (579)	20.75	20.00	3.82	2.50	4.36	6.50	----
Purina Layana (Completa Ration) E (371)	17.81	16.00	3.85	2.50	3.78	5.00	----
Purina Layana (Completa Ration) E (472)	17.63	16.00	3.83	2.50	3.72	5.00	----
Purina Turkey Fatana (473)	18.25	15.50	3.82	2.50	4.35	8.00	----
READING MILLING COMPANY, INC. Reading, Pa.							
Spacial Laying Mash (448)	22.63	20.00	3.85	3.00	4.74	5.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
REED MILLING COMPANY Brookville, Pa.								
Reed's Triangle 20% Egg Mash	(147)	20.75	20.00	3.88	3.00	7.18	9.00	----
Reed's Triangle 18% Growing Mesh	(146)	19.00	18.00	3.91	3.00	6.33	8.00	----
RED BANK MILLS New Bethlehem, Pe.								
Red Bank Laying Mash	(133)	19.13	20.00	3.29	3.00	4.64	8.50	----
RHOADS MILL Selinsgrove, Pe.								
Hi-Lo Leyer Mesh	(261)	22.25	20.00	*3.58	4.00	4.25	5.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Cesh Laying Mesh	(218)	24.06	20.00	4.13	2.50	5.75	8.00	----
Richards Cash Laying Mesh	(426)	22.25	20.00	3.32	2.50	5.14	8.00	----
Richards Growing Mesh	(309)	19.00	18.00	3.17	3.00	5.81	8.00	----
Richards Growing Mash	(428)	18.38	18.00	3.67	3.00	4.90	8.00	----
Richards Starting & Growing All Mesh Chick Food	(14)	22.13	18.00	4.26	3.00	5.50	6.00	----
Richards Starting & Growing All Mesh Chick Food	(556)	24.13	18.00	3.73	3.00	4.84	6.00	----
Richards Success Laying Mash	(310)	20.88	18.00	3.36	2.50	8.45	9.00	----
RICHLAND FEED COMPANY Richlandtown, Pe.								
Richland Egg Mesh	(58)	23.81	20.00	4.15	3.50	6.34	8.00	----
Richland Hi-Energy Chick Sterting Mesh	(61)	22.31	20.00	4.57	4.00	4.61	5.50	----
Richland 18% Starter & Grower	(59)	21.63	18.00	4.13	3.50	6.28	8.00	----
J. S. RILEY & COMPANY New Castle, Pe.								
Pioneer Broiler Mesh	(334)	21.81	20.00	4.74	3.50	2.73	6.00	----
ROBERTS FEED MILL Peckville, Pa.								
Rob Rose Sterter & Grower Mash	(377)	19.94	20.00	4.92	3.50	6.42	7.00	----
S & R FEED COMPANY Quekertown, Pa.								
S & R Growing Mesh	(64)	20.00	18.00	3.27	3.00	5.00	8.00	----
S & R Laying Mesh	(63)	21.19	20.00	2.70	3.00	4.98	8.00	----
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pe.								
Penn Stete Growing Mesh	(384)	21.13	19.00	5.21	5.00	4.02	7.00	----
SEGAL'S FEED & SUPPLY COMPANY Philadelphia, Pe.								
Supreme Laya Mesh	(542)	21.69	20.00	4.13	3.00	5.64	8.00	----
SHELLY BROTHERS Perkesie, Pa.								
Shelly Bros. Quality Laying Mash	(198)	20.50	20.00	4.37	3.00	6.91	8.00	----
SMITH'S FEED MILLS Blain, Pe.								
Blue Ribbon Starter & Grower	(255)	20.56	18.00	4.04	3.00	5.60	6.00	----
SNOOK'S MILLS Mifflinburg, Pa.								
Just Right Egg Mesh	(265)	20.13	18.00	3.54	3.50	6.57	8.00	----
SNYDER BROTHERS Bethlehem, Pa.								
Best Yet Laying Mash	(497)	25.50	20.00	3.55	3.40	6.79	8.00	----
ESTATE OF GEO. S. SNYDER, INC. Hetfield, Pa.								
Snyder's Egg Mash	(185)	19.69	18.00	*3.28	4.00	7.29	8.00	----
Snyder's Growing Mash	(186)	16.44	17.00	*3.58	4.00	6.99	8.00	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SPRING GARDEN MILL Newtown, Pa.								
Spring Garden Egg Mash	(180)	21.44	20.00	4.80	4.50	5.96	7.00	----
Spring Garden Starter-Grower	(181)	20.75	19.50	4.58	4.00	5.46	7.00	----
LEROY T. STAMMEL Harrisburg, Pa.								
Stemmel's Egg Mash	(79)	23.88	20.00	3.19	3.50	5.56	8.00	----
B. S. STAUFFER & SON Lawn, Pa.								
Blue Bird 18% Chick Grower	(84)	20.19	18.00	4.70	3.50	5.85	6.50	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Diamond Growing Mash	(195)	21.06	19.00	4.52	3.50	5.34	6.50	----
Stover's Diamond Laying Mash	(197)	20.44	20.00	5.65	3.00	5.57	8.00	----
STRAUBEY'S RELIABLE FEED COMPANY Weisport, Pa.								
Reliable Egg Mash	(506)	20.56	20.00	3.57	3.00	6.92	8.00	----
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Valley Chick Starter & Grower	(325)	23.63	20.00	3.35	3.00	6.64	10.00	----
Valley 19% Laying Mash	(326)	21.19	19.00	2.75	3.00	6.28	10.00	----
THOMPSON & MATEJA New Wilmington, Pa.								
T & M Egg Mash	(323)	20.94	20.00	3.27	2.50	6.11	6.50	----
T & M Growing Mash	(228)	20.13	18.00	2.92	3.00	4.41	6.00	----
T & M Growing Mash	(322)	19.44	18.00	3.06	3.00	5.37	6.00	----
T & M Special Broiler Mash	(230)	21.63	20.00	3.35	3.00	3.60	4.00	----
THOMPSONTOWN FLOUR & FEED MILL Thompsontown, Pa.								
Economy Laying Mash	(269)	20.00	20.00	4.48	4.00	5.78	8.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftee Egg Mash	(72)	19.88	20.00	3.71	3.00	6.96	6.50	----
Turkey Thriftee Growing Mash	(74)	20.19	20.00	4.25	3.00	7.13	8.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's Real Chick Starter	(163)	22.44	20.00	3.96	3.00	7.10	7.00	----
Trinley's Real Egg & Breeder Mash	(162)	23.19	20.00	4.22	3.00	6.46	8.00	----
Trinley's Real Growing Mash	(164)	21.75	17.00	3.81	3.00	7.43	7.00	----
Trinley's Turkey Grower	(165)	24.63	20.00	4.72	3.00	5.26	8.00	----
THE UBIKO MILLING COMPANY Cincinnati, Ohio								
Life Guard All-Mash Laying Ration	(435)	17.44	16.00	3.90	3.50	5.84	7.00	----
Life Guard Egg & Breeder Mash	(436)	21.00	20.00	3.18	3.50	6.77	8.00	----
WILLIAM UMBERGER COMPANY Lebanon, Pa.								
Umberger's Egg Mash	(89)	19.13	20.00	3.43	3.00	6.43	8.00	----
UNITED MILLS Clarion, Pa.								
United Mills Egg Mash	(150)	21.69	20.00	3.66	3.50	6.38	7.00	----
VANDERVORT MILLS, INC. Laceyville, Pa.								
Ultre-Lifed Broiler Mash	(291)	22.81	21.50	4.09	3.00	3.94	4.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.								
Wegner's Poultry Mash	(407)	21.06	20.00	3.79	4.00	5.00	6.50	----
Wegner's Starter & Grower Mash	(408)	20.50	20.00	3.98	4.00	5.36	6.50	----
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
C. L. WALKER & SONS Elizabethville, Pa.							
Walker's Egg Mash (99)	20.38	20.00	*3.56	4.00	7.93	8.00	----
J. C. WALKER & SON, INC. Gap, Pa.							
Walker's Pequea Egg Mash (362)	20.31	18.00	4.06	3.00	8.13	8.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Wayco Diamond Egg Mash (213)	19.13	17.00	3.69	3.50	6.47	8.00	----
Wayco Growing Mash (211)	19.69	16.00	3.80	4.00	7.23	8.00	----
H. R. WENTZEL SONS Landisburg, Pa.							
Perry Laying & Breeders Mash (256)	22.25	20.00	4.45	4.00	5.87	7.50	----
WESTERMAN'S FEED STORES Sarver, Pa.							
Homa Mixed Egg Mash (141)	21.81	18.00	4.51	3.25	6.66	8.00	----
WESTERN FLOUR COMPANY Charleroi, Pa.							
Economy Egg Mash (202)	20.06	20.00	3.62	3.00	7.51	8.00	----
WHITEHILL FEED Somerset, Pa.							
Whitahill Egg Mash (583)	19.69	18.00	3.43	2.50	7.65	7.00	----
C. E. WOOLEVER Catawissa, Pa.							
Millgrove Chief Egg Mash 18% (108)	19.06	18.00	3.61	2.50	4.54	7.00	----
Millgrove Chief Egg Mash 20% (107)	20.69	20.00	3.81	2.50	4.73	7.00	----
F. S. YOST'S SON Pleasant Valley, Pa.							
Yost's Broiler Mash (55)	22.63	21.00	4.02	3.50	6.26	7.00	----
Yost's 20% Laying Mash (56)	20.81	20.00	4.19	3.00	6.46	8.00	----
Yost's S. P. Mash (57)	20.56	18.00	3.44	3.50	6.12	7.00	----
Average	21.14		3.84		5.77		
<u>SCRATCH FEEDS</u>							
EDINBORO COOPERATIVE G.L.F. SERVICE, INCORPORATED Edinboro, Pa.							
Edinboro Scratch (599)	10.63	9.00	2.30	2.00	2.30	5.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose Scratch Grains (510)	11.56	9.00	2.98	2.00	3.37	4.00	----
PHOENIX COAL & FEED COMPANY Chester Springs, Pa.							
Paoli Scratch Feed (363)	11.69	10.00	2.25	2.00	2.96	5.00	----
Average	11.29		2.77		2.88		
<u>SMALL ANIMAL FEEDS</u>							
<u>Cat and Dog Foods</u>							
QUAKER CITY PACKING COMPANY Allantown, Pa.							
Quaker City Ready Cooked Liver for Cat & Dog Food (3)	17.09	16.00	4.92	2.00	0.18	1.00	----
Average	17.09		4.92		0.18		
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>DOG FOODS</u>							
R. S. ALTMAN Irwin, Pa.							
Altman's Super A Dog Food (278)	26.63	25.00	3.90	4.00	3.59	6.00	----
Altman's Super A Dog Food (529)	28.44	25.00	4.52	4.00	3.68	6.00	----
QUAKER CITY PACKING COMPANY INCORPORATED Allentown, Pa.							
Quaker City 100% All Pure Horse Meat Dog Food (25)	16.62	16.00	8.39	3.00	0.54	1.00	----
Quaker City 100% All Pure Horse Meat Dog Food (26)	15.82	16.00	7.00	3.00	0.19	1.00	----
Average	21.88		5.95		2.00		
<u>PIGEON FEEDS</u>							
BEN ROSENBERG, INCORPORATED Philadelphia, Pa.							
Pride of Phila. Pigeon Mixed Grain Breeding (547)	13.69	11.75	2.87	2.00	3.64	4.25	----
Pride of Phila. Pigeon Mixed Grain No. 2 (543)	12.31	10.50	2.62	2.00	3.12	4.80	----
Pride of Phila. Pigeon Mixed Grain No. 5 (546)	16.31	14.40	2.66	1.75	2.68	4.60	----
Pride of Phila. Pigeon Mixed Grain N.P. (545)	12.56	10.40	2.93	1.75	3.34	3.75	----
Pride of Phila. Pigeon Mixed Grain Y.B.R. & Conditioning (544)	17.63	12.65	2.49	1.40	4.59	5.15	----
Average	15.50		2.77		3.67		
<u>RABBIT FEEDS</u>							
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.							
Rabbit Maker (Pelleted) (563)	20.50	18.00	4.01	2.50	7.51	10.00	----
Average	20.50		4.01		7.51		
<u>STEER FEEDS</u>							
HALES & HUNTER COMPANY Chicago, Ill.							
Pioneer Bull Feed (306)	14.63	12.00	3.62	3.00	7.90	10.00	----
RALSTON PURINA COMPANY St. Louis, Mo.							
Purina Steer Fatena (520)	36.38	32.00	2.52	2.00	6.36	12.00	----
B. S. STAUFFER & SON Lawn, Pa.							
Stauffer's Steer Supplement (85)	27.13	27.00	*3.09	4.00	8.69	8.00	----
Average	29.05		3.08		7.67		
<u>SWINE CONCENTRATES</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne Hog Balancer (449)	39.75	35.00	1.44	1.50	6.76	8.00	----
Wayne Hog Balancer (514)	39.94	35.00	1.41	1.50	7.04	8.00	----
CHAS. R. BAHN Windsor, Pa.							
Bahn's Pig & Hog Supplement (33)	34.25	34.00	4.58	3.50	7.89	8.00	----
IRWIN K. CURRY Swatara Station, Pa.							
Swatara 36% Pig & Sow Supplement (94)	36.06	36.00	4.29	3.00	6.48	7.00	----
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
D. P. KNEPPER Waterfall, Pa.								
Knapper's 40% Hog Supplement	(403)	40.56	40.00	2.79	2.50	6.00	8.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Pig Concentrate	(608)	42.19	38.00	2.42	1.50	6.55	10.00	----
P. J. OESTERLING & SON, INC. Butlar, Pa.								
Sun Sida Hog Supplement 40% Protein	(246)	46.13	40.00	5.11	3.00	3.42	8.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Hog Supplement	(212)	40.31	34.00	3.16	3.00	3.34	9.00	----
Average		39.90		3.40		5.94		
<u>SWINE FEEDS</u>								
ABERDEEN MILLS Elizabethtown, Pa.								
Abardaan Pig & Hog Feed	(81)	16.88	16.00	3.89	3.00	7.92	8.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayna Pig & Sow Meal	(515)	21.56	20.00	3.23	3.00	4.72	6.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(551)	18.63	15.00	3.37	3.00	8.78	8.00	----
Altman's Hog Feed	(572)	17.31	15.00	2.98	3.00	7.94	8.00	----
CHAS. R. BAHN Windsor, Pa.								
Bahn's Hog Feed	(34)	16.63	16.00	4.06	3.00	5.22	9.00	----
Bahn's Pig & Sow Ration	(36)	16.94	16.00	4.30	3.25	6.62	9.00	----
BEDFORD FARM BUREAU COOPERATIVE ASSOCIATION Bedford, Pa.								
Pig Meal	(399)	17.94	17.00	3.57	3.50	5.62	7.50	----
BENFER FLOUR & FEED MILL Beavertown, Pa.								
Snook's Just Rita Pig-N-Hog Ration	(250)	18.63	18.00	4.20	3.50	6.06	7.50	----
BERKS COUNTY COOPERATIVE ASSOCIATION Templa, Pa.								
18% Sow & Pig Feed	(439)	17.88	18.00	3.06	3.00	6.27	8.00	----
BEST FEEDS & FARM SUPPLIES INCORPORATED Washington, Pa.								
Basco Hog Feed	(557)	17.81	15.00	4.98	3.00	5.80	8.00	----
W. H. BOHNER Pillow, Pa.								
Bohner's Pig Meal	(97)	16.00	16.00	4.15	4.00	4.54	8.00	----
JOHN C. BROWN FEED & HARDWARE New Wilmington, Pa.								
Quality Guaranteed 17% Pig Ration	(321)	19.19	17.00	2.86	3.00	5.89	10.00	----
CITY FLOURING MILLS, INC. Muncy, Pa.								
Muncy Hog Fattener	(279)	15.06	13.00	3.53	3.00	4.81	6.00	----
Muncy Pig Starter & Grower	(280)	17.63	18.00	3.76	3.00	4.50	5.50	----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
COLLEGEVILLE MILLS Collegeville, Pa.								
Perkiomen Hog Feed	(166)	17.25	12.00	3.15	3.00	6.39	12.00	----
CUMBERLAND VALLEY COOPERATIVE ASSOCIATION Shippensburg, Pa.								
Acorn Hog Feed	(271)	14.75	12.00	3.51	3.00	3.97	11.00	----
JOHN K. CURRY & SONS Palmyra, Pa.								
Curry's Hog Feed	(92)	16.31	16.00	3.21	3.50	6.39	8.00	----
DAVIS FEED MILL Rushland, Pa.								
Davis Pig Feed	(184)	18.38	15.00	3.19	3.50	7.63	7.00	----
DEIBERT FEED SERVICE Bedford, Pa.								
16% Hog Feed	(397)	17.13	16.00	3.28	3.00	5.82	8.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose Hog Meal	(346)	17.63	16.00	3.31	3.50	6.70	8.00	----
Red Rose Hog Meal	(464)	15.88	16.00	3.43	3.50	7.16	8.00	----
GREENE COUNTY FARMERS EXCHANGE Waynesburg, Pa.								
Champion Pig & Hog Meal	(215)	17.31	15.00	*2.88	3.50	5.71	9.00	----
HALES & HUNTER COMPANY Chicago, Ill.								
Pioneer Hog Ration 15	(220)	15.19	15.00	3.87	2.50	5.24	8.00	----
Pioneer Hog Ration 15	(475)	17.88	15.00	3.88	2.50	5.71	8.00	----
HANEY MILLING COMPANY Danville, Pa.								
Ideel Pig Starter & Grower	(109)	17.69	17.00	3.11	3.00	6.84	8.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Pig Feed	(157)	18.88	16.50	3.52	3.00	5.50	6.00	----
JOHN M. HERR Grantville, Pa.								
Herr's Pig Feed	(76)	20.50	15.00	3.90	3.50	5.49	7.00	----
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Sunshine Pork Maker	(478)	18.69	15.00	4.81	3.00	6.77	8.00	----
C. J. HESS Shade Gap, Pa.								
Hog Meal	(401)	*14.88	18.00	3.81	4.00	5.38	5.00	----
FRED L. & JOHN E. HOMSHER Strasburg, Pa.								
Homsher's 15% Pig & Hog Feed	(356)	14.50	15.00	*3.38	4.00	7.31	7.00	----
HORST'S MILLS Lebanon, Pa.								
Horst's Mill Pig Feed	(125)	17.63	17.00	3.16	3.50	5.25	6.00	----
KIEFER BROTHERS Hegins, Pa.								
Kiefer's Premium Hog Feed	(118)	13.31	12.00	3.74	3.00	4.29	6.00	----
D. P. KNEPPER Waterfall, Pa.								
Knepper's 16% Hog Feed	(404)	*13.88	16.00	3.41	3.00	5.13	8.00	----

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		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. B. KRATZ & SONS Schwenksville, Pa.								
Ideal Pig & Hog Feed	(171)	19.31	17.00	*3.22	4.00	8.03	8.00	----
A. F. LEIDY Delphie, Pa.								
Leidy's Hog Feed	(176)	14.88	16.00	3.10	3.00	*8.56	6.50	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.								
Mahoning Pig & Hog Feed	(151)	17.56	18.00	3.46	3.50	5.16	8.50	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
B-B Pig & Hog Feed	(286)	20.06	16.00	3.58	3.00	5.05	6.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Champion Pig & Hog Meal	(394)	17.00	15.00	3.82	3.00	6.42	6.00	----
MIDLAND MILLING & SUPPLY COMPANY Midland, Pa.								
Burton Pig & Hog Grower	(341)	19.75	15.00	4.35	3.50	5.71	7.00	----
MIDWAY MILLS Lebanon, Pa.								
Midway Pig Feed	(127)	16.38	16.00	3.63	3.00	5.05	6.50	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.								
16% Porkmaker	(191)	16.88	16.00	3.21	3.00	4.33	7.00	----
ROBERT E. MURRAY Beaver Springs, Pa.								
Bob's Best Pig Starter & Grower	(249)	17.31	16.50	3.44	3.00	5.07	6.00	----
H. W. NEIGER MILLING COMPANY Lake City, Pa.								
Neiger's Best Pig & Sow Meal	(592)	16.75	16.00	3.64	3.00	4.46	8.50	----
PETERSBURG MILLING COMPANY Bessemer, Pa.								
Pemico Hog Feed	(330)	16.00	16.00	3.09	3.00	6.04	8.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pig & Hog Feed	(159)	20.19	15.50	4.07	3.50	6.10	7.50	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Sow & Pig Feed	(331)	17.19	14.00	4.38	3.50	7.09	7.00	----
Purina Complete Sow & Pig Chow	(302)	18.56	16.00	3.08	2.50	5.12	6.00	----
RED BANK MILLS New Bethlehem, Pa.								
Red Bank Special Hog Feed	(132)	21.13	15.00	*3.34	4.00	6.39	7.00	----
REED MILLING COMPANY Brookville, Pa.								
Reed's Triangle 16% Pig & Hog Meal	(148)	17.19	16.00	3.91	3.00	6.58	8.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland 16% Pig Meal	(60)	17.56	16.00	3.54	3.50	5.58	7.00	----
J. S. RILEY & COMPANY New Castle, Pa.								
Pioneer Pig & Sow Meal	(333)	20.00	18.00	5.24	3.50	5.44	6.50	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
S & R FEED COMPANY Quakertown, Pa.								
S & R Hog Feed	(65)	15.56	14.00	3.21	3.00	5.83	8.00	----
H. K. SHENK Sheriden, Pa.								
Shenk's Markitop Pig & Hog Feed	(86)	16.31	15.00	3.53	3.00	5.06	8.00	----
CLARENCE M. SHUEY Annville, Pa.								
Shuey's Hog Feed	(75)	14.38	14.00	3.86	3.00	4.03	7.00	----
R. WENDEL SMITH Newport, Pe.								
Wenco 15% Hog Grower	(254)	18.06	15.00	3.94	3.00	3.53	7.00	----
LEROY T. STAMMEL Harrisburg, Pe.								
Stammel's Pig Meal	(78)	17.06	17.00	4.21	3.00	4.69	7.00	----
EDWIN F. STOVER ESTATE Perkesie, Pe.								
Stover's Pig Feed	(196)	18.13	16.00	3.86	3.50	6.57	8.00	----
THOMPSON & MATEJA New Wilmington, Pe.								
T & M Pig & Hog Feed	(229)	17.69	15.00	3.02	3.00	4.56	6.00	----
T & M Pig & Hog Feed	(324)	17.25	15.00	3.21	3.00	5.92	6.00	----
TRADER'S FLOUR & FEED COMPANY East Stroudsburg, Pa.								
Treder's Hog Meal	(500)	16.69	16.00	3.63	3.50	5.37	7.00	----
UNITED MILLS Clarion, Pe.								
United Mills Porkmeker	(149)	18.06	14.00	*2.86	3.50	5.56	8.00	----
C. Y. WAGNER & COMPANY, INC. Bellefonte, Pa.								
Wegner's Pig Meal	(410)	20.63	18.00	4.32	4.00	5.00	8.00	----
C. L. WALKER & SONS Elizabethville, Pa.								
Welker's Pig Meal	(100)	16.56	16.50	3.63	3.00	7.47	9.00	----
J. C. WALKER & SON, INC. Gep, Pe.								
Welker's Pequee Pig & Hog Feed	(361)	19.13	15.00	3.34	2.50	8.04	8.00	----
WESTERMAN'S FEED STORES Server, Pe.								
Home Mix Hog Feed	(142)	21.56	15.00	3.48	3.50	7.67	8.00	----
WHITEHILL FEED Somerset, Pe.								
Whitehill Pig & Sow Feed	(584)	17.38	17.00	3.98	2.50	6.07	7.00	----
Average		17.48		3.62		5.89		
<u>UNCLASSIFIED FEEDS</u>								
THE BEACON MILLING COMPANY, INC. Ceyuge, N. Y.								
Auburn "20"	(316)	22.38	20.00	4.07	3.00	6.96	10.00	----
Auburn "20"	(389)	22.69	20.00	3.24	3.00	6.39	10.00	----
Beecon "24" (For Mixing with Home Greins)	(45)	25.13	24.00	3.13	3.00	7.67	9.00	----

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	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
Class Leeder (208)	16.13	14.00	4.43	4.00	7.06	9.00	----
Producer (Pellets) (335)	23.75	22.00	3.09	2.50	4.10	4.50	----
36% Supplement (336)	37.38	36.00	2.62	1.50	7.81	9.00	----
HILDRUM FERMENTATION AND PROCESSING COMPANY Shiremenstown, Pe.							
Alfe-Zyme (318)	5.50	4.00	1.23	1.00	8.60	14.00	----
OWINGS BROTHERS OF YORK, INC. York, Pe.							
June Bug 32% Mixing Retion (50)	32.81	32.00	*3.57	4.00	8.62	9.00	----
RASLTON PURINA COMPANY St. Louis, Mo.							
Purine Chowder (580)	38.00	36.00	3.58	1.50	5.71	9.00	----
Purine D & F Chow E (290)	15.19	12.50	3.67	2.00	10.17	12.00	----
Purine D & F Chow E (522)	14.69	12.50	3.41	2.50	9.60	12.00	----
Purine Omolene (519)	11.50	10.00	3.37	3.00	6.70	11.00	----
SEGAL'S FEED & SUPPLY COMPANY Philedelphia, Pa.							
Supreme Fettener (540)	15.25	14.00	3.17	3.00	7.66	8.00	----
Supreme Stetion Pellets (541)	16.00	15.00	3.19	3.00	5.43	7.00	----
TIOGA MILLS, INCORPORATED Waverly, N. Y.							
Breedertine (274)	23.88	20.00	3.98	2.50	4.48	6.00	----
Egetine (273)	23.94	23.00	3.76	2.50	4.54	6.00	----
Egetine (303)	24.06	23.00	3.51	2.50	5.22	6.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pe.							
Reel 32% Mixing Retion (161)	30.81	32.00	3.69	4.00	7.98	10.00	----
Average	22.17		3.37		6.93		

